# FILE COPY

March 25, 1991

U.S. Department of Agriculture Farmers Home Administration Nevada Sub., State 1179 Fairview Drive, STE C Carson City, Nevada 89701

ATTN: Bill Brewer, Rural Development Specialist

Dear Mr. Brewer,

Enclosed for your review and approval is the Shoshone-Paiute Tribes application for an Emergency Community Water Assistance Grant.

We hope the application contains all the information to properly evaluate the proposed project. Your favorable consideration will be appreciated. Should you have any questions, please call Herman Atkins, Administrator at (702) 757-3211.

Sincer ly,

James Paiva, Chairman

Shoshone-Paiute Tribes

#### U.S. DEPARTMENT OF AGRICULTURE

#### APPLICATION FOR FEDERAL ASSISTANCE

(For construction)

03-26-91

# **BUDGET INFORMATION** — Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case you will be notified.

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	COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Column a-b)	le Costs b)
<u></u>	Administrative and legal expenses	4,000.00	900.	<u>~</u>	4,000.00
~	Land, structures, rights-of-way, appraisals, etc.	<b>8 9 9 9</b>	\$	<b>~</b>	00 0 -
mi	Relocation expenses and payments	\$ 6,000.00	\$ oo.	\$	6,000 <sub>00</sub>
4	Architectural and engineering fees	\$ 17,000.00	\$	s	17,00000
<u>بر</u>	Other architectural and engineering fees	00-0-	\$	\$	00- 0 -
9	Project inspection fees	90 0 -	\$	5	0n= 0 -
~	Site work	<b>9</b> - 0 - 00	\$	\$	00-0-
80	Demolition and removal	<b>8 0 0 0 0</b>	\$	\$	00- 0 -
6	Construction	\$ 144,665.00	000	•	144,66500
2	. Equipment	\$ 19,800.00	<b>9</b> 00.	~	19,80000
Ξ	Miscellaneous	<b>9 0 0 0 0 0</b>	\$	\$	00:- 0 -
15.	: SUBTOTAL	\$ 191,465.00	\$	\$	191,46500
2	). Contingencies (sum of lines 1-11)	\$ 8,535.00	\$	•	8,53500
4	. SUBTOTAL	\$ 200,000.00	900.	\$ 2	200,000
15.	5. Project (program) income	00 - 0 -	900.	<b>∽</b>	00:- 0 -
16	5. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 200,000.00	\$ ·	\$	200,000.00
		FEDERAL FUNDING			
7.	Federal assistance requested, calculate as follows: Enter eligible costs fr (Consult Federal agency for Federal percentage share). Enter the resulting Federal share.	om line 16c Multiply X		\$	200,00000

Authorized for Local Reproduction

#### **ASSURANCES — CONSTRUCTION PROGRAMS**

Note: Certain of these assurances may not be applicable to your project or program, If you have questions, please contact the Awarding Agency. Further, certain federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

- 1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
- Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- 3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
- 4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
- 5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
- 6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- 7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.

- 8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
- 9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
- 10. Will comply with all Federal statues relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686) which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794) which prohibit discrimination of the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42) U.S.C. §§ 6101-6107) which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 93-255), as amended, relating to non-discrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records: (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other non-discrimination provisions in the specific statute(s) under which application for Federal assistance is being made, and (j) the requirements on any other non-discrimination Statute(s) which may apply to the application.

#### Position 3

FORM APPROVED OMB No. 0575-0094

#### REQUEST FOR ENVIRONMENTAL INFORMATION

Name of Project

					}	ocation	ell (	Lons	tructio
						wyhee,	Nev	<u>ada</u>	····
Item 1a. Has a Federal, State, or Local F				ent o	or Analysis been prepared for this proj	ject?			
1b. If "No," provide the information	on reque	sted in	Instructions a	s EX	HIBIT I.				
Item 2. The State Historic Preservation	Officer				d a detailed project description and ha				
ments to the appropriate FmH.					Date description submitted to SHPC				
-					her to be affected by the proposal or	located w	vithin (	or adj	acent to th
project site(s)? (Check appropr	riate box	for eve	ry item of the	e foll	lowing checklist).				
	Yes	No	Unknown			Y	l'es	No	Unknow
1. Industrial		Ø		18.	Beaches			Ø	
2. Commercial		X		19.	Dunes			<u>×</u>	
3. Residential		$\boxtimes$		20.	Estuary	[		凶	
4. Agricultural		X		21.	Wetlands	[		Ø	
5. Grazing		X		22.	Floodplain	[		X	
6. Mining, Quarrying		X		23.	Wilderness			¥	
7. Forests		$\boxtimes$			,		_		_
8. Recreational		$\boxtimes$		24.	Wild or Scenic River			X	
9. Transportation		図		25.	Historical, Archeological Sites (Listed on the National Register of Histor	ic		团	
10. Parks		図		26.	Places or which may be eligible for listing Critical Habitats	_	$\Box$	Ø	
11. Hospitals		$\mathbf{X}$			(endangered/threatened species)				
12. Schools		Ø			Wildlife			Ĭ ₩	
13. Open spaces		X			Air Quality	_			
14. Aquifer Recharge Area		Ø			Solid Waste Management  Energy Supplies				
15. Steep Slopes		Ø		50.	Energy Supplies		_	تي	_
16. Wildlife Refuge		X		31.	Natural Lankmark(Listed on National Registry of Natural Landmarks)	(		Ø	
17. Shoreline		$\boxtimes$		32.	Coastal Barrier Resources System			₫	
Item 4. Are any facilities under your over consideration for listing on the					be utilized in the accomplishment of the result of Violating Facilities?			er liste	ed or under
						$\overline{}$			
V 1 25 1001				_	· · · · · · · · · · · · · · · · · · ·	<u></u>			
March 25, 1991 (Date)				S	Signed: (Applica	$\frac{1}{nt}$	<u> </u>		
(2300)					James Paiva, Chair				
					(Title)				
<u></u>									

This information is being collected so that FmHA can comply with the various Federal environmental requirements that affect the processing of your application. The information will be reviewed by FmHA staff and used in analyzing the potential environmental impacts of your application. Completion of this form is necessary for obtaining a benefit.

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Exhibit I (Form FmHA 1940-20)

#### 1) Primary Beneficiaries

The primary beneficiaries of this project will be those individuals who have government, private business or residential units served within the community Water system of the Town of Owyhee, Nevada. There are approximately 232 units presently served under the Owyhee Community Water System.

#### 2) Area Description

- a) The area to be served is approximately one fourth by 3 miles long. The present land use in this area is primarily residential with some governmental and private businesses. Adjacent land use is primarily agricultural. Crop production and cattle grazing activities take place in these adjacent areas. The project construction is proposed somewhere between the periphery of the community and the adjacent agricultural area.
- b) Not Applicable, the draw of the water from the well will be somewhere near the aquifer.
- c) None of these items are available to submit with the application at this time.

#### 3) Air Quality

Not applicable.

#### 4) Water Quality

- a) None all water pumped out of the well will be treated w/Fluoride and ready for human consumption and use.
- b) Refer to preliminary engineers report.
- c) Refer to preliminary engineers report.
- d) Refer to preliminary engineers report.
- e) Refer to preliminary engineers report.
- f) Refer to preliminary engineers report.

#### 5) Solid Waste Management

- a) none
- b) N/A
- c) N/A

Page 2 FmHA Application

#### 6) Transportation

- a) N/A
- b) N/A
- c) N/A
- d) N/A

#### 7) Noise

- a) The noise to be produced will be the well pump and the only other noise which will be produced from the electrical control panel and other control switches. The noise producing equipment will be enclosed in a pump house and will be insignificant towards creating noise pollution.
- b) Agricultural and residential.
- 8) Historic/Archeological Properties

None

#### 9) Wildlife and Endangered Species

- a) None
- b) None

#### 10) Energy

- a) Electrical energy will be provided to the site to operate well pumping equipment.
- b) N/A

#### 11) Construction

Standard well construction designs and specifications will be developed by the Indian Health Service Project Engineer which will become part of the construction contract. Close monitoring of the construction project will be conducted by the project engineer.

Page 3 FmHA Application

#### 12) <u>Toxic Substances</u>

- a) N/A
- b) N/A

#### 13) Public Reaction

- a) This project has been discussed in a public meeting of the Tribal Business Council. Public reaction is that a new well site is definitely needed in order that a quality water supply source be produced for the community water system. No objections from public.
- b) Refer to attached copy of Business Council minutes.
- c) None

#### 14) Alternatives to the Proposed Project

- a) Refer to engineers preliminary report for alternative location of wells ie. exploration drilling.
- b) Refer to Engineers Preliminary Report.
- c) N/A

#### 15 <u>Mitigation Measures</u>

N/A

#### 16) Permits

- a) N/A
- b) N/A

#### 17) Other Federal Actions

- a) The Tribes have just completed the construction of Human Development Center which was funded jointly by the Economic Development Administration 49% Housing and Urban Development, Block Grant Program 51% and the Shoshone-Paiute Tribes \$15,000.00 This community facility was connected to the community water and sewer system.
- b) In the planning stages and to be funded by the Indian Health Services is a sewer lift station and line to carry the sewer approximately 5 miles to a recently developed sewer lagoon.

PRELIMINARY ENGINEERING REPORT
FOR
CONSTRUCTION OF A NEW COMMUNITY WATER SOURCE
FOR THE
TOWN OF OWYHEE
ON THE
DUCK VALLEY INDIAN RESERVATION
ELKO COUNTY, NEVADA

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
INDIAN HEALTH SERVICE
PHOENIX AREA OFFICE

**MARCH 1991** 

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RELIMINARY ENGINEERING REPORT
FOR
CONSTRUCTION OF A NEW COMMUNITY WATER SOURCE
FOR THE
TOWN OF OWYHEE
ON THE
DUCK VALLEY INDIAN RESERVATION
ELKO COUNTY, NEVADA

#### INTRODUCTION

The Duck Valley Shoshone-Paiute Tribe has requested assistance from the Indian Health Service to develop a preliminary engineering report for replacing an existing contaminated water source with a new source for the town of Owyhee on the Duck Valley Indian Reservation. This report is intended to be submitted with the Tribe's application to the Farmers Home Administration for an emergency community water assistance grant.

#### GENERAL INFORMATION

The Duck Valley Indian Reservation straddles the Nevada-Idaho stateline with 144,274 acres lying in Elko County, Nevada and 145,546 acres in Owyhee County, Idaho. The reservation is located 95 miles north of Elko, Nevada, on Nevada State Highway 226 and 100 miles south of Mountain Home. Idaho, on Idaho State Highway 51.

The climate on the reservation is semi-arid with an average annual rainfall of 15 inches with much of this falling at an average of 80 inches of snow from December through March. Snow cover of long duration is uncommon with an average pan evaporation of 57 inches per year.

There are approximately 1,469 Indians living on the reservation. The majority of the residents live in scattered sites on the valley floor. The community of Owyhee with an elevation of 5,397 feet lays at the base of the Bull Run

Hountains which are to the east and east of the Owyhee River. If members of the Bureau of Indian Affairs, U.S. Public Health Service and Elko County School District occupy quarters comprising almost half of the dwellings in the principal community of Owyhee. There are five business establishments located in the community: A trading post with a lunch counter, a small grocery store, a recreation hall with a lunch counter, an 8 unit motel, and a saddle shop. Elko County operates the community schools which have grades kindergarten to twelfth in the Owyhee community. The BIA field offices, IHS Hospital, Post Office, Police Department, Human Development Center, Tribal Health Unit, Tribal Court, Day Care and Tribal Elderly Program are also located in the Owyhee community.

The Tribal Headquarters is located four miles north of the Owyhee community on the Nevada-Idaho stateline north of the Newtown Subdivision. All tribal government departments are currently housed in this building. The Tribe is governed by a Tribal Business Council composed of a Chairman and six members. The business council directs all tribal activity through an Executive Director and sub-charter organizations.

The main source of income for the residents is from alfalfa farming and ranching, followed by tribal and other agency employment. All equipment and major supplies must be purchased from distant locations. Idaho Power provides electricity to the majority of the reservation.

#### EXISTING FACILITIES

#### Water Supply

All homes on the Duck Valley Indian Reservation are served by individual wells except those located in the communities of Owyhee and Newtown, along Highway 51 northward to the stateline and those on Thomas Loop Road. The community

water system is mathematical by the Tribe. The community water stem obtains its water from wells having pumps with outputs of 82 gpm, 108 gpm, 240 gpm, and 138 gpm. Storage capacity of 80,000 gallons and 165,000 gallons is available from two tanks located near Owyhee and a 300,000 gallon tank near Newtown.

The first signs of contaminated water in the community were report on March 8, 1988, by local residents near the Recreation Hall and the hospital personnel. These individuals complained about a petroleum-like taste in the water.

The IHS sanitarian went to Owyhee on March 10, 1988 and inspected the communities water storage tank. She found the odor of oil was present inside the tank.

On March 15th, water samples were taken from the community well and test hole "A" was dug between the BIA roads fuel storage tank and the main well. In test hole "A" a strong oil odor was found in the sand and a substantial oil film was found on water samples taken from the water table. The fuel storage tank was removed by BIA. Two more holes were dug the following day between Dog street and the main well and another at the Northeast corner of the fire station lot. A small amount of oil appeared to be present in test hole "B" near Dog street and no indication of oil was found in test hole "C" at the fire station lot (see Appendix I for additional information on the chronology of events during 1988 and the location of the test holes during 1988).

The test results from the March 15, 1988 sampling did not detect petroleum hydrocarbon contamination. These tests did not necessarily indicate that the water supply was not contaminated. The on-site inspection mentioned above revealed conclusively that the well and surrounding soil were indeed contaminated.

In March of 1990 the Fronmental Protection Agency (EPA) co 'd tests on the water from all three wells in the town of Owyhee. Measurable levels of total hydrocarbons and nine volatile organic chemicals (ethylbenzene, petroleum o,p,m,-xylenes, chloroform, 1.1,1-trichloroethane, toluene, isopropylbenzene, 1,3,5,-trimethyobenzene, 4-isopropyltholuene, and napthalene) were found in two of these closely situated groundwater wells. EPA recommended that use of this water be limited to non-drinking water purpose or its use discontinued. The two wells which produce 62 gpm and 240 gpm, supply about 73 precent of the water to This drastically reduces the water supply for the the community of Owyhee. community, as shown in the preliminary design analysis of the water supply and The design analysis sheet is used to distribution system (Appendix II). calculate the needs for both the communities of Owyhee and Newtown since they are connected and water is distributed between them during periods of high water demands.

1 -

In April and May of 1990, IHS with limited funds attempted to locate a new water source for the Owyhee community by drilling a exploratory well south of Owyhee. This well was 300 feet deep and only produce 50 pgm. Due to the results of this effort, we are recommending that more exploratory drilling be undertaken in this project before funds are spent on a production well.

#### OPERATION AND MAINTENANCE

Since January of 1984, the Tribe has assumed operation and maintenance of the community water and sewer systems. IHS has provided tools, training and assistance and will continue to support and consult with the Tribal Utility Organization as the need arises.

The Tribe is curred charging its customers \$10.00 a month for sewer service. The collection rate is approximately 65 percent.

The Tribe will provide a monthly status report covering the operating cost, revenues and their official rate schedules.

#### PROPOSED FACILITIES

The scope of this project will include exploratory well drilling as a first step in finding a new water source. For purposes of this report, it is estimated that three exploratory wells will be drilled. If initial results are promising, the wells will be geophysically logged, PVC casing will be installed and they will be test pumped. It is currently proposed that they be located within 3,000 feet of Owyhee to reduce pipeline costs.

Once a location with good potential for development of a production well is found, construction of that production well will begin. Again for purposes of this report, it is estimated that a well between 300 feet and 350 feet in depth It would include casing, pitless unit, testing, and w111 be needed. disinfection. Additional facilities to connect the well to the system including a 12' x 12' masonry block pumphouse, 2,500 feet of 6 inch PVC main, chlorination equipment, pump controls and radio telemetry to the Owyhee tanks will be designed and constructed. The proposed production goal for this water source will be around 300 gpm which should be adequate to replace the two existing contaminated wells. These facilities will connect the new well to the existing Owyhee water system and will provide controls for the proposed well The pumphouse will be enclosed in a 40' x 40' fenced yard. Necessary power extensions to the sits will also be provided.

The design criteria for this project will be the specifications and details used by the IHS for sanitation facilities construction. The project design will also meet all requirements in the Safe Drinking Water Act (SDWA) which applies to this project. In addition, courtesy copies of all plans and specifications will be sent to the State of Nevada for their review and comments.

Possible alternatives might include the placement of a river infiltration gallery in the Owyhee River. The alternative is not as good as the proposed well because the source is not as reliable and extensive water treatment would be required. The facilities for a infiltration gallery would be both more costly to build and more costly to operate.

Another possible alternative is to attempt to renovate the contaminated wells. This would be done by grouting the top 50 to 100 feet to prayent the contaminates from entering the well. This alternative would be less expensive, however, the initial and long term success of this "renovation" is questionable. The extent of oil contamination in the area is not well defined. Even if initial results were good, the contaminate may again be a problem after extensive pumping. This alternative was therefore ruled out.

#### LAND

The land required for this project will be reviewed and approved by the Shoshone-Paiute Tribe Council and granted to the project at no cost. Land will be required for the pumphouse well, access road, and the transmission line from the pumphouse to the community water system with a minimum of a 20 feet right-of-way. The Tribe will also be required to obtain all clearances required by the National Environmental Protection Act (NEPA).

#### FLOOD HAZARD

The possibility of flooding has been eliminated in the valley of the Owyhee River by the dam which forms Wild Horser Reservoir.

#### CONSTRUCTION PROBLEMS

High groundwater is present in the area and should not present a problem in the construction of the transmission line. It will require the top 50 feet to 100 feet of the proposed well to be grouted which will prevent surface water from entering the well.

Rock drilling has been encountered during past well drilling operations in this area. The contract documents include clauses concerning varying subsurface conditions. The Contractor for the production well will have copies of the exploratory well logs and will be aware of any rock layers. This will eliminate possible claims during construction and should not effect the cost of the project.

The primary concern regarding construction problems will hinge on the results of the exploratory drilling. If the test results are not favorable the scope of the project may need to be changed. The project might have to include two or three wells to obtain the production goal of 300 gpm or the well may need to be located further from Owyhee than this estimate provides. This would mean higher costs for the transmission line. If more than one well were required, the wells would be placed within a single area with the proper spacing which will consider the radius of influence for each well.

#### CONCLUSION AND RECOMMENDATIONS

It is evident that the water supply for the town of Owyhee is severely effected by the loss of the 240 gpm and 62 gpm wells. We have looked at

possible alternatives and believe that the primary goal of the project is to provide the town of Owyhee with a reliable water sources for the future. Therefore, IHS recommends that the Tribe continues to pursue all resources available to resolve the present situation. We recommend that and resources obtained be used to develop a new community well outside the present city limits, which would provide the most reliable and safe source of water for the future.

# APPENDIX I



#### DEPARTMENT OF HEALTH & HUMAN SERVICES

## Memorandum

Date

June 17: 1988

From

Theresa Botruff, Uwyhee SUS and Roger Roepke, Project Engineer Elko IHS Field Office

Subject

Water Contamination Meeting

To

TO THE RECORD

A brief rundown of events leading to the discovery of contamination and action taken to date is as follows:

September 25-27, 1987

Owyhee three day weekend. Sometime during this period, the 30 horsepower pump and the 10 horsepower pump went down.

October 1, 1987

30 horsepower pump is put back into operation.

October 2, 1987

School personnel complained of strong oil smell in water. Flushed fire hydrants this day. Water (complaints) stopped smelling.

January thru February, 1988

30 horsepower pump not in use,

March 8, 1988

30 horsepower pump put in operation. Complaints of strong oil smell, flushed hydrants, oil smell continued. Well was shut down

March 10, 1988

Elko THS Sanitarian took water samples for observation, heavy oil film was found. Oil smell was detected in silver storage tank (80,000 gallons).

March 15, 1988

Test hole [A] was dug - oil was located at water level - 13'. Roger Roepke. [HS E] to field Engineer observed/sampled water. (See attached sketch).

# APPENDIX II

#### DUCK VALLEY INDAIN RESERVATION NEW WATER SOURCE COST ESTIMATE

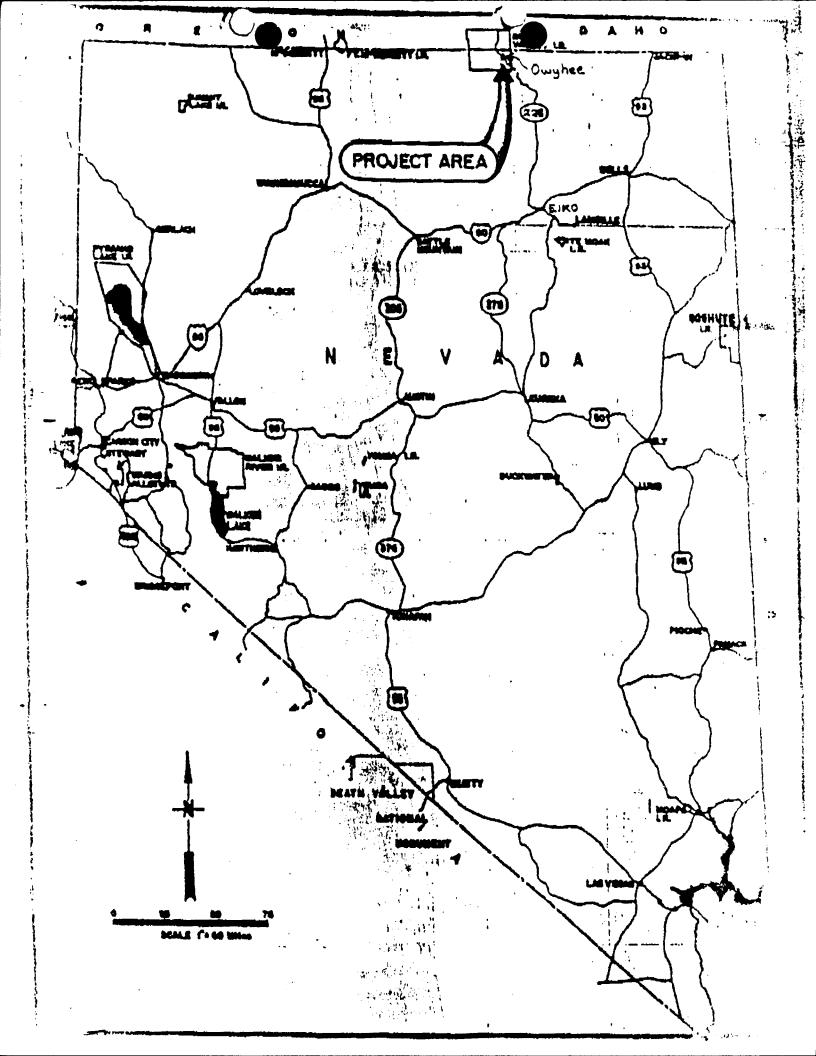
ITEM	DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST
1.	Exploratory Orilling (3 Sites)	3 EA	\$ 13,250.00	\$ 39,750.00
2.	10" Community Well	1 L.S.	47,620.00	47,620.00
3.	Pumphouse Construction	1 L.3.	31,280.00	31,280.00
. 4.	Sodium Hypochlorite System	1 L.S.	2,800.00	2,800.00
5.	Pumphouse Electrical and Controls	1 EA	\$17,000.00	17,000.00
6.	Transmission Line	2500 L.F.	12.90	32,250,00
			TOTAL	\$170,700.00
•			5% Contingency	
		IHS Survey, Drafting & Construction Inspection		17,000.00
		GRA	AND TOTAL	\$196,000.00
_		(T. Noo.	Thousand)	

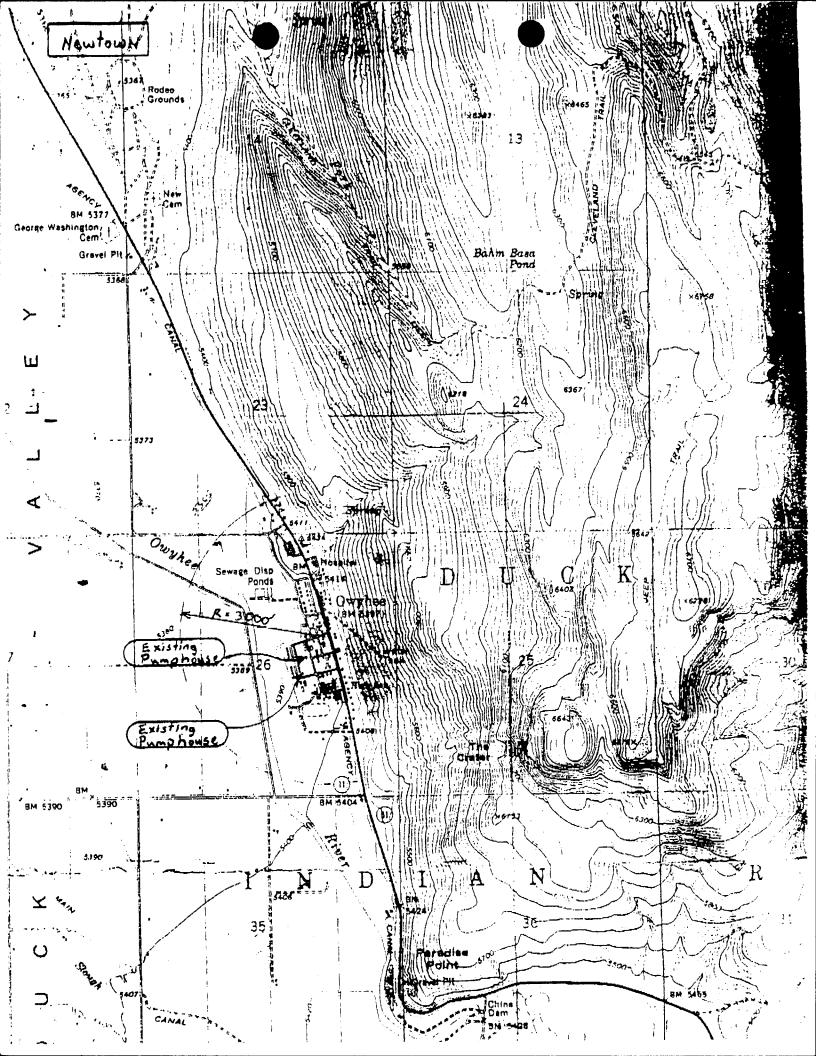
(To Nearest Thousand)

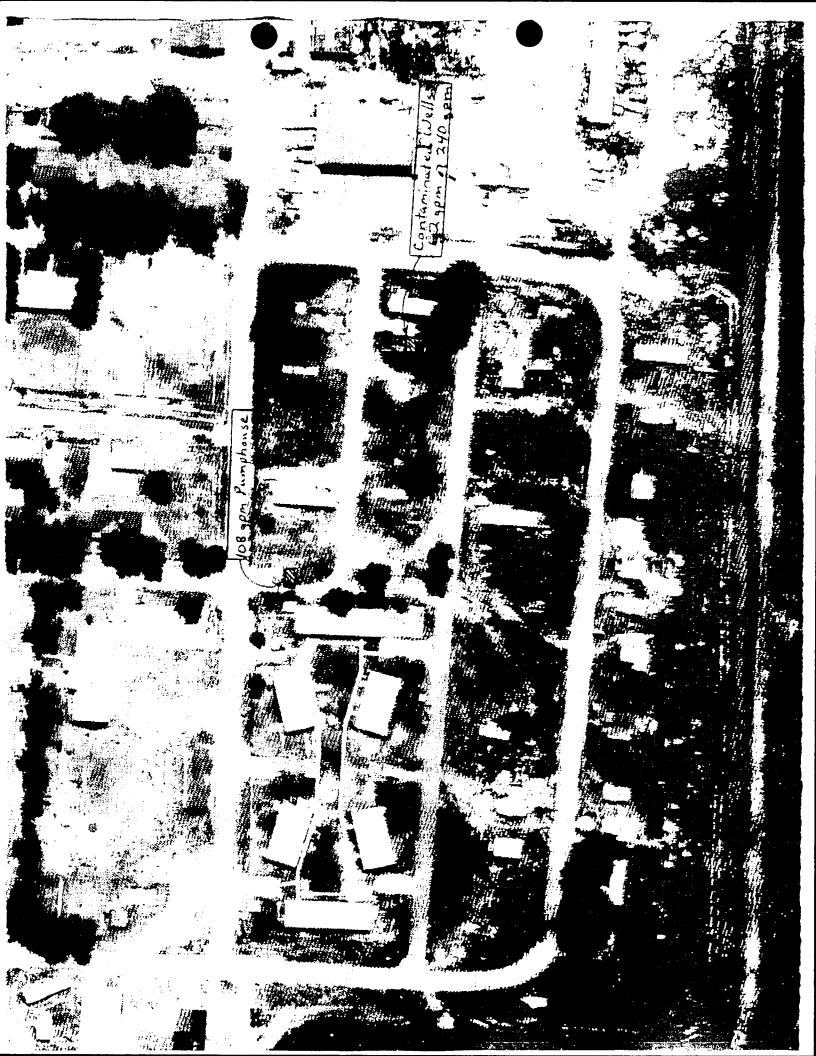
# PRELIMINARY DESIGN ANALYSIS WATER PLY AND DISTRIBUTION SYSTEM



COMMUNITY/SYSTEM Owyhee/Newtown RESERVATION Duck Valley INITIAL WATER CONSUMPTION & POPULATION SERVED: (combined system) Homes #/full facilities 232 X 1200 GPD/Home = 278,400 GPD Homes w/partial facilities - X - GPD/Home = - GPD Homes w/outside hyd. only - X CPD/Home - GPD Non-residential use Commercial, Public Schools, & Offices: 50,000 GPD Total: 232 Homes 1,200 Total: 328,400 GPD Population = 4 People/Home X 232 Homes = 928 People Consumption = Total 278,400 GPD/ 928 People = 300 GPD DESIGN WATER CONSUMPTION & POPULATION SERVIED: Growth Factor 150 % Design Population 1.392 Consumption 300 GPD Average Daily Total = 1,392 People X 300 GPCD = 417,600 GPD Non-residential = 50,000 GPD X 1.5 Growth = 75,000 Total 492,600 GPD WATER SOURCE: Currently Current Pump Test Natural Currently -Name Chlorinated Yield Yield Fluoridated F1 Level <u>62</u> GPH 70 GPM No \_\_\_\_\_\_ NO \_\_\_\_\_\_ NO \_\_\_\_\_ 108 110 GPM #2\_\_\_\_ No 520 GPH 240 No \_\_\_\_\_19 ppm No #3 150 GPM 138 No Yes ,18 ppm Total Yields: 548 GPM 850 GPM Initial Pump Cycle = 328,400 GPO/( 548 GPH X 60) = 9.99 hr/day Design Pump Cycle = 495,600 GPO/( 548 GPM X 60) = 15.07 hr/day Additional Supply Required? Yes Type Well Yield 300-400 GPH WATER STORAGE: 24 ft (D) 23 ft (H) = 80,000 gal; ft (D) ft (H) gal 36 ft (D) 23 ft (H) = 165,000 gal; ft (D) ft (H) gal 44 ft (D) 28 ft (H) = 300,000 gal; Total storage capacity 545,000 gal Existing storage available = 545,000 gal: 328,400 GPD = 1.66 days Design storage required = 492,600 GPD X 2 days = 985,200 gal Additional storage required = 985,200 gal - 545,000 gal = 440,200 gal INITIAL SYSTEM PRESSURE: Zone I Elevation of High Water Level Tanks 5,578 ft Low Water Level 5,563 ft Elevation of Highest House served 5,433 ft Lowest House served 5,330 ft Max Statis Pressure 173 ft = 75 PSI Min Static Pressure 130 ft = 56 PSI Zone II Elevation of High Water Level Tanks 5.493 ft Low Water Level 5.465 ft Elevation of Highest House served 5,350 ft Lowest House served 5,330 ft Max Statis Pressure 163 ft = 70 PSI Min Static Pressure 115 ft = 50 PSI PREPARED BY DATE APPROVED BY DATE







#### March 16, 1988

Dug test hole 'B' - slight trace of oil, hole 'C' - no noticeable oil.

#### March 17, 1988

An old oil tank at the BIA maintenance building which was suspected was dug to water level - no noticeable oil smell was detected. (Oil tank removed March 18th).

#### March 21, 1988

Hole 'D' was dug - heavy oil contamination. Hole 'E' was dug - no noticeable oil.

#### March 22, 1988

Dug and followed oil line - located line leaks.

#### April 1, 1988

On April 1, 1988, a meeting was held at the Duck Valley Tribal Building to discuss the contamination of the Owyhee well. Representatives of the Bureau of Indian Affairs (BIA), Indian Health Service (IHS) and Tribe attended the meeting. The Tribal Water Operator gave a brief rundown of the events leading to the discovery of the contamination and action taken to date. The location and depth of the test holes around the contaminated well were discussed, and the fact that the contamination appeared to be coming from the BIA's underground fuel line was brought up. The BIA stated among other objections that the fuel line had been pressure tested in 1985 and was deemed satisfactory. The IHS informed the group that a new well would begin to be constructed in April of 1988. At the end of the meeting it was decided that the Tribe would contact the EPA for assistance.

#### April 12, 1988

The test results from the five water samples taken from the Owyhee Community Water System Service Area were received in this office the week of April 11th. The water sample results indicated that no hydrocarbon contamination was detectable from the Owyhee system.

#### April 26, 1988

Bids open for a new community water well contract awarded by IHS.

#### April 28, 1988

Interpretation of the results from the five aqueous water samples taken on March 15 was sent to Steven Tibbets, Superintendent BIA by the Sanitarian.

#### May 2, 1988

Two additional aqueous and two soil samples were taken from the contamination site.

#### June 5, 1988

Results from Enesco Testing Firm for soil and water samples taken on May 2nd are as follows:

SOIL SAMPLE #1: Located directly below buried BIA fuel line. 12,000 ppm Hydrocarbons/diesel fuel.

SOIL SAMPLE #2: 20 feet from 30 hp well. No Hydrocarbons detected.

WATER SAMPLE #1: Water from 30 hp well. No Hydrocarbons detected.

WATER SAMPLE #4: Water from 7 1/2 hp well. Approximately 1/2 ppm Hydrocarbon. Type Unknown.

NOTE: The 30 horsepower well is approximately 171 feet deep. The 7 1/2 well is 15 feet from 30 horsepower well and 75 feet deep.

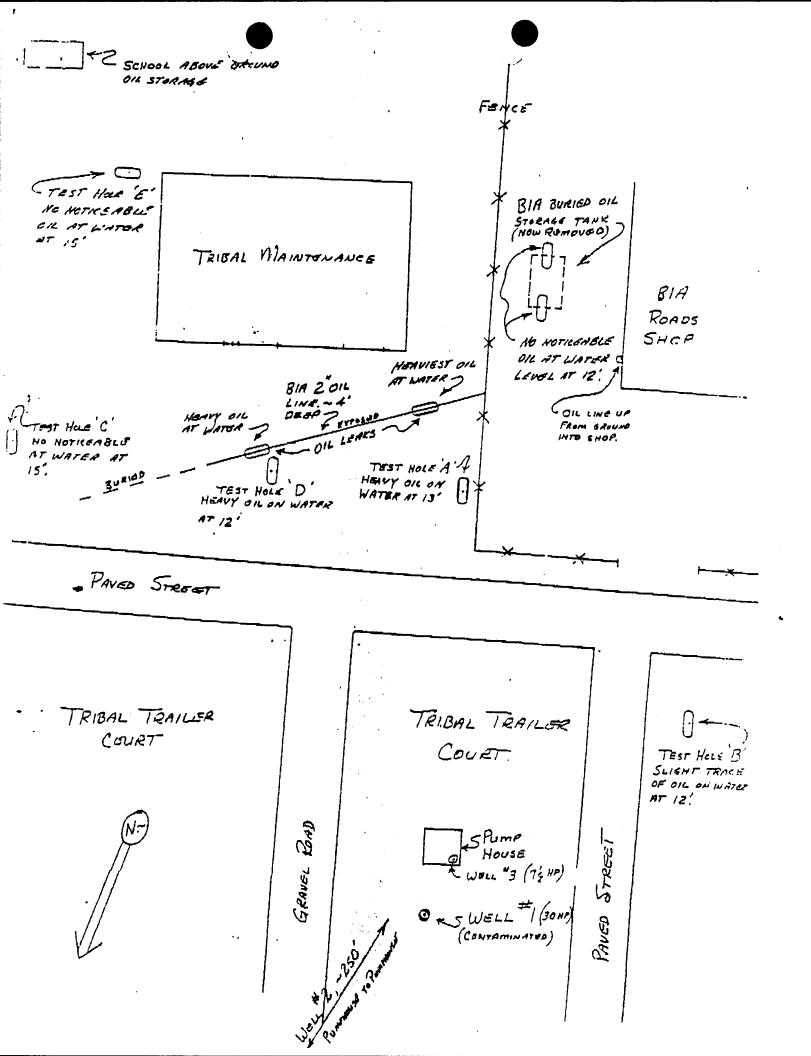
#### June 16, 1988

On April 16, 1988, the second contamination meeting was held at the Duck Valley Tribal Headquarters. Present were representatives of the Bureau of Indian Affiars, Indian Health Service and Duck Valley Tribe. (See attached memo).

#### June 17, 1988

Construction of well contract delayed due to unavailability of material (construction should begin June 24th).

cc: John Hamilton, Chief
Dean Jackson, Acting Chief
Larry Garten, Acting Director
Marvin Weber, District Engineer
Ken Bailey, District Sanitarian
Norman Cavanaugh, Acting SUD
file





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION IX

75 Hawthorne Street San Francisco, Ca. 94105



March 13, 1991

In Reply, Refer to W-6-1

George M. Howard Indian Outreach Coordinator Farmer's Home Administration 1222 Monaco Ct. Suite 28 Stockton, CA 95207-6790

Dear Mr. Howard,

Since our discussion on March 7th, I have contacted Herman Atkins, Tribal Administrator for the Duck Valley Shoshone-Paiute Tribes in Owyhee, Nevada. I made him aware of the Farmers Home Administration Emergency Community Water Assistance Grant program, and he indicated that he would contact you.

I would recommend, upon submission of a grant application, that the Duck Valley Shoshone-Paiute be given serious consideration for FHA emergency assistance funding.

In response to complaints of a petroleum taste and odor in the Owyhee community drinking water, EPA conducted a sampling investigation of the groundwater on March 12, 1990. Measureable levels of total petroleum hydrocarbons and nine volatile organic chemicals (ethylbenzene, o,p,m-xylenes, chloroform, 1,1,1-trichloroethane, toluene, isopropylbenzene, 1,3,5-trimethylbenzene, and 4-isopropyltoluene, and napthalene) were found in two of the three closely situated Owyhee community groundwater wells.

A strong fuel-like odor and black to grey color was observed by EPA personnel and tribal maintenance employees at the time of sampling. The attached photos show water being purged from the larger of the two contaminated wells before sampling. (A section of piping in the plumbing tree within the pumphouse was removed and the flow was diverted outside with the aid of the six-inch PVC pipe).

The apparent source of the contamination was a leaking underground fuel line. This line transferred fuel from an above ground storage tank to Bureau of Indian Affairs facilities

adjacent to the community wells. This tank and line are no longer in use.

Currently, the community is pumping drinking water from the third uncontaminated well. This well is being pumped approximately 22 hours per day, and there is no backup source available. This is of great concern because the community is geographically isolated and outside repair services, if needed, may take some time to obtain.

EPA has advised the Tribe to limit the use of water pumped from this well to non drinking water purposes or discontinue its use, if possible.

Emergency assistance from FHA would be extremely useful in helping the Duck Valley Shoshone-Paiute Tribes secure a clean, safe drinking water supply. I would like to be of any assistance that I can. Should you have any questions or require any additional data or information, please call me at (415) 744-1853.

Sincerely, Onginal Signed by:

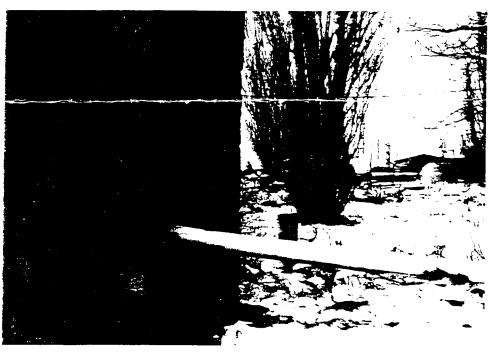
Jill Korte
Environmental Engineer
Drinking Water and Groundwater
Protection Branch

cc: Herman Atkins
 Rod Weber, Elko IHS
 Keith Byram, Reno IHS

# March 11, 1++ Duck Valley Sampling Owyhee Community Groundwater Wells

PVC Piping Used to Divert Flow Outside Pumphouse





photos sent Honard

# March 12, 1990 Duck Valley Sampling Owyhee Community Groundwater Wells

Visual Appearance of Water Pumped from Largest Well





Howard Howard

P.O. Box 219 Owyhee, Nevada 89832-0219 (702) 757-3161

March 11, 1991



SHOSHONE-PAIUTE TRIBES OF THE DUCK VALLEY INDIAN RESERVATION

> FISCAL YEAR 1991 COMBINED BALANCE SHEET AND PROGRAM BUDGET REPORTS

> > FOR THE MONTH ENDED

FEBRUARY 28, 1991

HOSHONĖ-PAIUTE TRIBES JDGET REPORT INDEX ISCAL YEAR 1991 EBRUARY 1991

<i>EBRUARY</i>	1991		F7 (11D	CD AVE
J#ACCT#	PROGRAM	GRANT #	FUND AGENCY	GRANT PERIOD
	COMB BAL SHEET/CASH BALANCE PHS FEASIBILITY STUDY	'S		
	TRIBAL HEALTH PROGRAM CONTINUED	247-87-0022	DHHS	10/1/86 - 9/30/89
	UTILIZATION STUDY ADOLESCENT HEALTH PROGRAM	ISR000345-01		09/01/90-08/30/91
	JOBS PROGRAM			į
	USDA ELDERLY FEEDING PRCG	F97110	USDA	10/88 - 9/89
	ADULT VOCATIONAL TRAINING NATURAL RESOURCES	H50C14209006 H50C14209004	BIA BIA	10/1/88 - 9/30/91 4/07/89-9/30/91
1 0105	CONTINUED AID TO TRIBAL GOVERNMENT	H50C14209038	BIA	10/1/89 - 9/30/89
	ENROLLMENT SERVICES	H50C14209037	BIA	10/1/88 - 9/30/91
	HIGHER EDUCATION	H50C14209036	BIA	10/1/88 - 9/30/91
	IRRIGATION REHABILITATION	H50C14209141	BIA	11/30/88 - 8/15/89
	JOHNSON O'MALLEY	H50C14209035	BIA	10/1/88 - 9/30/91
	JUDICIAL SERVICES	H50C14209005	BIA	10/1/88 - 9/30/91
	SOCIAL SERVICES	H50C14209012	BIA	10/1/88 - 9/30/91
	TRIBAL LAND OFFICE	H50C14209007	BIA	10/1/88 - 9/30/91
	WILDLIFE & PARKS			
		GTH50924689	BIA	
	TECHNICAL OVERSIGHT			
	IND. RIGHTS-SNAKE RIVER			
?- 0186 -	GENERAL ACCOUNT CONTINUED	N/A	TRIBAL	10/01/90-09/30/91
0186	IDAHO CHORE SERVICES	H&W-111-91-V-	4 I DA-ORE	07/01/90-06/30/91
0186	TERO CONTRACT	0/5010/0114	EEOC	10/01/90-09/30/91
0190	LOAN/RELENDING PROGRAM			10/01/90-09/30/91
0195	GAH-NEE ENTERPRISE			10/01/89-09/30/90
0286	WATER & SAN DEPT.	N/A	TRIBAL	10/01/90-09/30/91
	W&S RECEIVABLES PG. 1-5			
0501	FOOD DISTRIBUTION	F97038	USDA	10/1/88 - 9/30/89
0800	HUMAN DVLPMNT CNTR-HUD/EDA		•	
0901	INDIRECT COST	N/A		<i>10/1/88 - 9/30/89</i>
<b>~-~</b> 7 <i>9</i> 87	DAY CARE FUND	N/A		10/01/89-09/30/90
- 3802	$J \cdot T \cdot P \cdot A$ .	99-7-2723-55-	DOL	5/01/87 - 6/30/89
	CONTINUED	138-02		
	WATER SYST IMPROV PROJ			1983 - ONGOING
6086	WILDHORSE RV PARK & CAMPGR			10/01/90-09/30/91
		01-8701NVFV01		10/1/87 - 9/30/89
		01-8901NVFV01		10/1/88 - 9/30/90
8812	CHILD CARE SERVICES GRANT	H50G14208812	BIA	9/1/88 - 8/31/89
8812	CHILD CARE SERVICES GRANT	•		
		90AI0514/01		4/1/88 - 3/31/89
9904	SUPP & NUTRITION SVCS.	90A11129/01	DHHS	4/1/89 - 3/31/90
	RETIREMT/MPB SAVINGS ACCTS			
	COMBINING BALANCE SHEETS:  GENERAL FUND			
	WATER & SAN/DAY CARE/WILD	HORSE/GAH NEE		
	LOAN/RELENDING PROG			
	WATER SYSTEM IMPROVE			
	RETIRE/MPB SAVINGS ACCTS			
-56	GRANTS & CONTRACTS			

1844	8000	ET	REPORT	***	SHOSHONE TUTE TRIBES		02/28/91	09:24	PAGE 26			
300001	ET AC	CŢ			ACCOUNT NAME	ANT BUDGETED	PTO AC	TIVITY	110 ACTIVITY	BALANCE	PTOI	101Y
					SHOSHONE-PAIUTE TRIBES							
					GENERAL ACCOUNT							
					* * * * * * * E V E N U E S* * * * *							
1136	11 4	50	010 00		FISHING PERMIT FEES	20,000.00CR	i	0.00	1,707.00CR	18,293.0002	01	9%
			020 00		WATER FOUL PERMITS	100.00CR	Į	0.00	0.00	100.00CR	01	01
ildó	11 4	to i	00 DE		PEDOLERS/CONCESSION PERHITS	400.00CA	l	0.00	10.00CR	390.00CR	01	3%
			050 00		TRIBAL COURT INCOME	4,000.00CR	¦ .	727.00CR	1,976.00CR	4,024.00CR	121	<b>331</b>
			070 00		TRAILER SPACE RENT	480.00CR	l	0.00	480.00CR	0.00	0%	1001
			00 080		TRIBAL HOUSE RENT	1,800.00CR		300.00CR	750.00CR	1,050.00CR	171	452
Hüá	11 4	50	100 00		VEHICLE/EQUIPMENT RENT	4,000.00CR	;	0.00	0.00	4,000.00CR	31	02
184	11 45	10	150 00		AGHICULTURAL LEASE	12,200.00CR	2,3	206.10CR	10,062.27CR	2,137.73CR	191	851
)184	11 4	50	140 00		BUSINESS LEASE	500.00CR	t I	91.50CR	1,308.10CR	808.10	6 %	242%
1184	11 4:	50 1	70 00		HISCELLANEOUS INCOME	4,038.00CR	1	5.00CR	158.09CR	3,879.71CR	01	
/15å	11 4	50	180 00		INTEREST INCOME	4,000.0008	!	950 30CR	950.40CR	3,049.40CR	24%	24%
3 <b>1 8</b> 5	11 43	50 2	200 UO		WILDHORSE MARINA OPERATION	5,000.00CA	1	0.06	0.00	4,000.00CR	UI	01
1126	11 45	50 3	20 00		GAN NEE ENTERPHISE	12,000.00CR		0.00	0.00	12,000.00CR	01	20
	) -				***SUB-TOTAL - IRIGAL REVENUE	71,518.00CR	4,2	220 . 20CX	17,402.06CR	54,115.9402	61	241
:155	11 4:	50 3	210 00		IDAMO CHORE SERVICES	0.00		0.00	0.00	0.00	9%	0%
187	11 45	<b>50</b> 2	10 01		LDANG CHORE SUCS. HEW-EII-91-V-4	15,946.00CF	1,:	378.00CR	4,442.00CR	11,504.00CR	91	29%
			dù uu		TERO COMTRACT	22,500.00CR	<u> </u>	0.00	0.00	22,500.00CR	01	0%
183	11 45	50 a	130 UL		GEOC/TERO COMFERENCE-DENVER	0.00		u . 3 <b>u</b>	0.00	0.00	01	01
					###SUB-FOTAL - COMFRACT REVEN	38,446.00CR	1,0	370.00CR	4,442.00CR	34,004.00CR	41	123
					*64**TOTAL REVENUES	109,964.00CR		 598.20CR	21,344.06CR	88,119.94CA	51	20%
l		-	•					<b>-</b> -				

IMMA CUGGET REPORT EMI	SHOSHONE-PAIUTE TRIBES		02/29/91 09:24	am Page 27			
JUDGET ACCT	ACCOUNT HANE	ANT BUDGETED	PTD ACTIVITY	ACTIVITY	BALAHCE	PTDI	YTDS
, ,	GENERAL ACCOUNT						
	# # REXPENDITURE SE # #						
184 11 500 110 01	TRIBAL CHAIRNAN	12,241.00	980.00	4,954.20	7,294.80	9%	401
185 11 500 210 01	FRINGE BENEFITS-FICA	936.00	74.98	377.19	556.81	8%	411
185 11 300 210 0 <b>2</b>	FRINGE BENEFITS-SIIS	500.00	45.82	195.14	304.86	9%	39%
185 11 500 210 05	FRINGE BENEFITS-SUTA	339.00	38.22	98.24	240.44	111	291
195 11 500 210 06	FRINGE BENEFITS-FUTA	28.00	7.34	1930	8.70	291	69%
184 11 500 310 00	SUPPLIES	140.00	0.00	63.98	74.02	0 <b>%</b>	461
185 11 500 312 00	POSTACE	340.00	47.75	75.00	295.00	121	21%
185 11 500 313 00	TELEPHONE	300.00	0.00	50.90	249.10	0%	171
186 11 500 319 00	LICENSES, PERMITS	100.00	0.00	0.00	100.00	0%	03
164 11 500 320 01	COUNCIL STIPENDS	13,500.00	2,250.00	11,250.00	2,250.00	17%	158
188 11 500 320 02	ELECTION COMMITTEE	500.00	0.00	0.00	500.00	0%	01
184 11 500 333 00	BUILDING REPAIR & MAINTENANCE	800.00	0.00	14.36	785.44	υz	27
185 11 500 333 01	UTILITIES - OTHER	800.00	159.12	352.93	447.07	20%	441
184 11 500 335 00	VEHICLE OPER. & MAINT GENERAL	7,300.00	0.00	227.17	7,072.83	ů 🕻	31
186 11 500 350 00	TRIBAL COURT EXPENSE	1,200.00	0.00	395.00	805.00	01	331
188 11 500 351 00	REFUNOS	100.00	0.00	0.00	100.00	31	01
183 14 500 352 00	OTHER COSTS	10,000.00	830.85	3,051.25	5,948.74	9%	31%
185 == 500 372 00	OTHER CELEBRATIONS	1,500.00		36.20	1,463.80	11	23
184 11 500 390 00	RANGE IMPROVEMENT	2,025.00		0.00	2,025.00	01	01
194 11 500 610 00	BOHOING & INSURANCE	6,000.00	1,080.00	1,873.77	4,126.23	181	311
	***SUB-TOTAL - DIRECT COSTS:	58,469.00	5,534.48	23,098.74	35,430.24	9%	37%
184 11 420 710 01	INDIRECT COST - GENERAL	12,849.00	0.00	0.00	12,849.00	ĝ <b>i</b>	20
	**************************************			29,038.74	48,479.24		321
	=:		20H2U020777777		222222222	3225	====

*** IRDGEL REPORT *#	SHOSHONE-PALUTE TRIBES	5	02/29/91 09	2:24 AM PAGE	32		
SUULET ACET	ACCOUNT NAME	ANT BUDGETED	PTD ACTIVE	ACTIVITY	8 BALANCE	PTD:	YTDI
•	SHOSHONE-PAIUTE TRIBES						
	"WATER & SANITATION DEPARTMENT""	`a					
	* * * * *R E V E N U E S# * * * * *						
1294 11 450 010 00	WATER & SEWER SERVICES	45,500.00CR	4,306.5	OCR 15,272.00	CR 30,229.00CR	93	34%
1269 11 420 050 00	SEPTIC TANK PUMPING SERVICES	2,500.00CR	130.0	OCR 585.00	CR 1,915.00CR	51	231
)354 (1 450 J <b>30</b> D <b>0</b>	EQUIPMENT HENT/OTHER SERVICES	1,000.00CR	0.0			20	01
1296 11 450 040 00	SERVICE RESTORATION FEES	0.00	25.0	OCR 25.00	CR 25.00	01	01
)253 21 450 010 00	NUW CHECKING INTEREST	400.00CR	38.9	9CR 38.99	CR 541.01CR	5%	á <b>,</b> *
				9CR 15,920.99			321
	=	=========	22222222222			====	====
	* * *E X P E N D I T U R E S* * * *						
1284 11 500 110 00	UES DIRECTOR	13,398.00	1,239.4	0 5,084.00	7,414.00	91	441
#266 (1 500 210 01	FRINGE BENEFITS - FICA	1,048.00	94.8	2 465.40	582.50	9 <b>%</b>	441
/285 II 500 210 J2	FRINGE GENEFITS - SIIS	154.00	13.9	4 68.43	85.57	95	441
/380 <del>***</del> 500 210 05	FRINCE BENEFITS - SUTA	700.00	48.3	4 124.37	575.63	71	181
)284 11 Tou 210 Ga	FAINGE BENEFITS - FUTA	42.00	9.9	2 24,40	17.30	24%	581
3284 11 500 210 07	FRINGE CENEFITS - RETIREMENT	485.00	\$1.9	8 304.20	380.30	9%	441
J284 11 500 205 00	TRAVEL	2,085.00	229.0	7 971.71	1,213.29	111	42%
284 11 500 304 00	TRAINING	0.00	0.0	0.00		ŰI	0.7
1294 11 500 313 00	TELEPHONE	386.00	17.5	0 90.01	295.99	51	<b>231</b>
285 11 500 317 00	LICENSES/PERMITS	220.0 <b>0</b>	19.8	3 19.8 <b>3</b>	200.17	71	91
-294 11 500 331 01	EQUIPMENT OFERATION/MAINTENANCE	3,441.00	100.4	7 441.29	3,219.74	31	121
1266 11 500 331 02	SIPPLIES	312.00	10.4	6 70.57		31	231
11 500 JBS (/I	EUILDING UTILITIES	4,714.00	253.11	2 1,345.27	2,348.73	á 🏅	40%
286 11 500 <del>46</del> 83 02	PUMPS UTILITIES	10,046.00	945.3	·			311
234 11 500 3 <b>52</b> 00	OTHER EXPENSE	1,953.00	477.30	U 595.75	1,372.35	24%	301
236 11 500 510 01	BUILDING INSURANCE	155.00	0.00	0.00	155.00	ÜΣ	ÜL
203 11 200 610 02	VEHICLE/EQUIPMENT INSURANCE	2,206.00	9.00	0 2,188.00	98.00	71	951
	***SUB-TOTAL - DIRECT COSTS:	42,150.00	3,531.94	16,328.27	25,821.79	81	391
~ =	ENGIPMENT PURCHASE	300.00	0.00	0.00	200.00	01	01
386 -11 620 710 00	INDIRECT COST	7,250.00	0.ů(	0.00		9:	ű <b>%</b>
		49,400.00	3,531.94		38,271.73	71	

			,
וסטא דבטטענ	ACCOUNT HAME	PTD ACTIVITY	BALANCE
•	""VATER & SANITATION DEPARTMENT"		
	CARE FUND		
	""VILOHORSE RV PARK & CAMPGROUND""		
	GAII-NEE ENTERPRISE		
	*# COMBINING BALANCE SHEET		
	* * * * * # #ASSETS# * * * * * * *		
284 00 115 000 00	CASH IN BANK - WATER & SANITATION	871.05	385.00
.757 00 180 000 00	CASH IN BANK - DAY CARE FUND	247.30CR	2,575.43
.086 00 117 000 00	CASH IN BANK - WILDHORSE	584.30CR	
)195 00 119 000 00	CASH IN BANK - GANNEE ENTERPRISE	99.5acr	17,905.42
284 00 120 000 00	ACCOUNTS RECEIVABLE-WATER & SAN.	97.50	43,659.29
1987 00 120 000 00	ACCOUNTS RECEIVABLE	230.04CR	400.30
00 000 021 00 380:	ACCOUNTS RECEIVABLE-WILDHORSE	0.00	0.00
1642 10 150 000 00	RECCIVABLES	0.00	0.00
284 00 140 000 00	PROPERTY & EQUIPMENT-WATER & SANIT	0.00	0.00
	PROPERTY & EQUIPMENT-WILDHORSE	0.00	0.00
195 <u>-iu</u> 160 000 00	PROPERTY & EQUIPMENT-GAN NEE	0.00	0.00
	***** (OTALS	192.750R	77,092.00
		12000122750000 183	=======================================
	* * *LIAGILITIES/FUND BALANCE* * *		
	ACCUUNTS PAYAGLE-WATER & SANIT.	0.00	11,548.78CA
	CURRENT LIABILITIES	0.00	<b>0.00</b>
	ACCOUNTS PAYABLE-WILDHORSE		127,240R
175 00 310 000 00	CURRENT LIABILITIES	0.00	J. JO
284 00 510 000 00	FUNO BALANCE PREF. WATER & SANITAL	0.00	34,550.99CR
286 00 310 000 01	FUND BALANCE FY90-WATER & SANTE.	0.00	3,253.16
135 AO 310 080 05	FUND GALANCE FY91 WATER & SANITAI.	748.55CR	407.28
#57 00 310 000 00	FUND GALANCE - DAY CARE FUND	0.00	1,907.31CR
131 mg-310 005 00	FUND BALANCE - FY89 DAY CARE FUND	0.00	0.00
₩7 ÷0,310 003 00	FUND BALANCE - FYY1 DAY CARE FUND	477.64	1,068.42CR
52 00 010 000 00	FUNO BALANCE PREV. WILDHORSE	0.00	
	FUND SALANCE FY90-WILDHORSE	0.00	4,383.52
55 60 J14 800 82	FUND BALANCE FY91 WILDHURSE	584,30	344.25CR
15 00 310 000 00	FUND DALANCE	99.56	17,906.4 <b>2CR</b>
	*****(0) ALS	192.95	77, J92, JOCR

SHOSHONE-DATUTE TRIBES

02/28/91 09:24 38

PAGE 49

PRINCE SHEET E	SHOSHOW PAINTE TRIDES	02/29/91	09:20h	PAGE 48
BUDGET ACCT	ACCOUNT NAME	PTD ACTIV	ltr	O BALANCE
•	THE TRIBES TO SHORE PAINTE TRIBES TO STATE OF THE TRIBES TO STATE OF			
	* * * * * ASSETS* * * * * * * *			
0186 00 100 000 00	CASIL'IN BANK - GENERAL ACCOUNT	109.	. SSCR	2,007.83
0186 00 120 100 00	EMPLOYEE ADVANCES	0.	.00	44.04
0134 06 120 200 00	ACCOUNTS RECEIVABLE - VARIOUS	329.	.00	3,708.03
0185 90 150 300 00	DUE FROM OTHER FUNDS/EXCHANGE	1,135.	85CR	2,095.55CR
6185 00 120 400 00	NOTES RECEIVABLE	0.	00	4,596.50
0186 06 150 000 00	PROPERTY & EQUIPMENT-GENERAL	0.	ů <b>0</b>	0.00
<b>:</b>	******TOTALS	916.	40CR	8,240.85
	# # #LIABILITIE5/FUND BALANCE# # #			
0185 00 210 000 00	CURRENT LIABILITIES	2,219.	SSCR	12,858.7202
0186 00 260 000 00	LONG TERM LIABILITIES	Ú.	30	Ú. Ú <b>0</b>
0187 00 310 0 <b>00</b> 0 <b>0</b>	FUND BALANCE	<b>3</b> .	មួល	30,578.1 <b>2CR</b>
)184 60 310 <u>-100</u> 01	FUNU BALANCE FY90			18,299.15
	FUND BALANCE FY91	3,135.		16,370.84
	*****TOTALS	914.	<del>4</del> 0	3,250.85CR
			<b></b> ,	

SHOSHONE-PAIUTE BUSINESS COUNCIL COUNCIL MEETING APRIL 12, 1988

#### INDEX

PARA	AGRAPH	PAGE	RESOLUTION
01.	CERTIFICATION OF ELECTION RESULTS	01	
02. 03.	COUNCILMEMBERS SWORN INTO OFFICE BID OPENING - (3) BOATS	02 02 02 03	
04.	DUCK VALLEY HOUSING AUTHORITY - RESOLUTIONS	03 03	88-SPR-57 88-SPR-58
05.	CREDIT PROGRAM - PROPOSED CONTRACT	03	
06. 07.	HOUSING IMPROVEMENT PROGRAM - RESOLUTION WESTERN SHOSHONE-PAIUTE LIVESTOCK ASSOCIATION - RESOLUTION	04 04 04 05	88-SPR-59 88-SPR-60
08.	ATTORNEY FEES - RESOLUTIONS	05 06	88-SPR-61
09.	DOMESTIC WATER SYSTEM - RESOLUTION HIRING OF PERSONNEL - SENIOR CITIZENS	06	88-SPR-62 88-SPR-63
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SHOSHONE-PAIUTE BUSINESS COUNCIL COUNCIL MEETING APRIL 12, 1988

#### ATTORNEY FEES - RESOLUTIONS (continued): 08.

Motion was made by Ellwood Thomas to adopt this Resolution, seconded by Gregory Thomas. Motion carried 5-0 in favor. TO BE RESOLUTION NO. 88-SPR-62

#### DOMESTIC WATER SYSTEM - RESOLUTION: 09-

A resolution was read for approval concerning the domestic water system. The thirty horsepower pump has been shut down due to the specific well being contaminated with a type of fuel oil. This source of contamination has been traced to a leaking underground oil line belonging to the Bureau of Indian Affairs. We relied on the ten horsepower pump that had been inadequate.

This appears to require a new well some distance from the contaminated area, complete with a pumphouse to house pump controls and water treatment facilities, and piping required to connect to the existing system. The Tribes request the assistance of our congressional delegation to help expedite this matter since it requires immediate attention.

The hospital has been running low on water in the afternoon and also the water pressure is very low for individuals connected to this water line.

Motion was made by Ellwood Thomas to adopt this Resolution, seconded by Emerson Baker. Motion carried 5-0 in favor. TO BE RESOLUTION NO. 88-SPR-63

### 10. HIRING OF PERSONNEL - SENIOR CITIZENS VAN DRIVER:

Milton Tybo, Personnel Director informed the Council that there was a total of seven (7) applicants who had applied for the Senior Citizens Van Driver position. The individual selected will be employed under the JTPA Work Experience program.

There was no selection committee and interviews were not scheduled at the Director's request. Due to the urgency of another van driver the Director would like the Council to fill this position as soon as possible.

The Council voted by secret ballot for one of the following:

- 1. Gayla Caskey 3 Votes
- 2. Rayfield Kelly 1 Vote
- Noelle Hanchor 1 Vote 3.

GAYLA CASKEY receiving three votes was unanimously selected for the position of Senior Citizens Van Driver.

RESOLUTION OF THE BUSINESS COUNCIL OF THE

DUCK VALLEY SHOSHONE-PAIUTE TRIBES



RESOLUTION NO. 88-SPR-63

BE IT RESOLVED BY THE BUSINESS COUNCIL OF THE SHOSHONE-PAIUTE TRIBES, THAT

WHEREAS, the Shoshone-Paiute Tribes is the owner/operator of the community fresh/domestic water system consisting of one well with a thirty (30) horsepower pump, one well with a ten (10) horsepower pump, one well with a seven and one half (7 1/2) horsepower pump, 240,000 gallons of water storage tanks, and various lines, pumphouses, hydrants and appurtenances, and

WHEREAS, this Shoshone-Paiute Tribal water system is self supporting through the collection of water service user fees, and

WHEREAS, this water system provides domestic fresh water for approximately 250 family residences, a Public Health Hospital, the Owyhee Schools (grades 1 thru 12), several small businesses, and other governmental offices both tribal and federal, and

WHEREAS, the thirty (30) horsepower pump and the seven and one half  $(7\ 1/2)$  horsepower pump have been shut down due to the wells becoming contaminated with a type of fuel oil, and

WHEREAS, this source of contamination has been traced to a leaking underground oil line belonging to the Bureau of Indian Affairs, and

WHEREAS, the remaining ten (10) horsepower pump is unable to keep up with the water user demand creating an emergency situation for the Shoshone-Paiute Tribes and all water users.

THEREFORE BE IT RESOLVED, by the Shoshone-Paiute Tribal Business Council that the Department of the Interior and the Bureau of NOW. Indian Affairs recognize the gravity of the situation created for the Shoshone-Paiute Tribes, and take immediate steps necessary to correct it. This appears to require a new well some distance from the contaminated area, complete with a pumphouse to house pump controls and water treatment facilities, and piping required to connect to existing system.

FURTHER RESOLVED, that the Shoshone-Paiute Tribes request the BE IT assistance of our congressional delegation to help expedite this matter since it is requires immediate attention.

#### CERTIFICATION

It is hereby certified that the Shoshone-Paiute Business Council is composed of six Councilmembers of whom 5 constituting a quorum and a Chairman, were present at a meeting held on the 12th day of April, 1988, and that the foregoing resolution was adopted by the affirmative vote of 5 FOR and C AGAINST with 0 ABSTENTIONS: pursuant to the authority contained in Article VI, Section 1 (a) of the Constitution and By-Laws of the Shoshone-Paiute Tribes, approved April 20, 1936.

JAMES PAIVA, Tribal Chairman

Shoshone-Paiute Tribes

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Shoshone-Paiute Tribes